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Ocean Acoustics Monograph Series

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LONG-TERM GOALS

To produce a series of monographs on a set of subjects in ocean acoustics that summarize our knowledge in those fields and give readers a view of the direction for the future.

OBJECTIVES

Through the careful reviewing of each of the manuscripts the Board of Editors recommends or suggests to the authors changes to the text as necessary to assure a uniform standard to the subjects both in objective and technical level. The final manuscript for each subject is approved by the Board.

Board Members are:

Ralph Goodman, Ph.D. (Chair)
Homer Bucker, Ph.D.
Ira Dyer, Ph.D.
Jeffrey Simmen, Ph.D.

APPROACH

Authors submit to the Board a draft of their manuscript for review, as stated above. Also they can request guidance when necessary. The objective of the Chair of the Board is to collate the opinions and suggestions of the other members, promote dialog when necessary to assure that clear and focused changes and recommendations are given to the authors. The approach is to work both individually and collectively with the other Board Members and then to provide guidance to the authors either individually or as a group, depending on the approach that the Board feels is best.

WORK COMPLETED

ONR has funded authors for the preparation of six manuscripts. These are all at different stages of completion as cited below, by authors, subject, and status

D.Jackson and M. Richardson; "High Frequency Seafloor Acoustics" The manuscript is completed, approved, and currently in press at Springer Press Inc.

J. Butler and C. Sherman; "Transducers and Arrays in Underwater Acoustics" The manuscript is completed, approved, and in press at Springer Press, Inc.

B. Katznelson, V Petnikov and J. Lynch “Fundamentals of Shallow Water Acoustics” a draft has been completed and sent to the Board. It is currently under review.

W. Carey and R. Evans; “Oceanic Ambient Noise” a draft has been submitted to the Board.

A. Baggeroer, H. Schmidt, W. Kuperman, and P.Mikhalevsky; “Matched Field Processing” Manuscript to be completed and submitted to the Board fall 2006.

D. Farmer and G.Deane; “Acoustics of Oceanic Bubbles” To be completed in 2007

RESULTS

(see above)

IMPACT/APPLICATION

n/a

TRANSITIONS

n/a

RELATED PROJECTS

n/a

REFERENCES

none

PUBLICATIONS

none

PATENTS

none

HONORS

none